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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/604,747	
	Filing Date	August 14, 2003	
	First Named Inventor	Herr, Daniel Joseph Christian	
	Group Art Unit	2822	
	Examiner Name	Mary A. Wilczewski	
Total Number of Pages in This Submission	4	Attorney Docket Number	361007-000025

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Reply postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	MOORE & VAN ALLEN
Signature	
Date	December 20, 2004

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Attorney's Docket No: 361007-000025

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Herr et al.)	
)	
Serial No.: 10/604,747)	Confirmation No.: 1746
Filed: August 14, 2003)	
Group Art Unit: 2822)	
Examiner: M. Wilczewski)	
)	
Title: Deterministically Doped Field-Effect)	
Devices and Methods of Making Same)	
)	

Commissioner for Patents
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AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

This paper is being filed in response the Office Action dated October 5, 2004, having a reply due date of January 5, 2005. Applicants request reconsideration of the application in view of the amendments and remarks herein. Applicants believe no additional fee is due at this time. If Applicants are mistaken in this belief, you are authorized to charge any additional fees to deposit account 13-4365.

Amendments to the Specification: There are no amendments to the specification.

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.